In the claims:

1. (Currently amended) Fiber guide channel for the pneumatic transport of individual fibers, which are combed out of a feed sliver by an opening cylinder that rotates in an opening cylinder housing, of an open end spinning device, to a spinning rotor running at high speed in a rotor housing that can be subjected to a vacuum, wherein on the input side, the fiber guide channel arranged in a cover element for closing the rotor housing is matched with respect to its width to the mountings of the opening cylinder, the inlet opening and the outlet opening of the fiber guide channel have a slot-like shape and the maximum extension (B) of the inlet opening extends parallel to the rotational axis of the opening cylinder, characterized ~~characterised~~ in that the maximum extension (L) of the outlet opening (26) of the fiber guide channel {11) is rotated about an imaginary center line (28) of the fiber guide channel (11) by 90° ± 15° in relation to the maximum extension (B) of the inlet opening (25), in that the fiber guide channel (11), between the inlet opening (25) and outlet opening (26), has a zone Z, which is substantially cylindrical, in that the cross-section of the fiber guide channel (11) constantly decreases from the inlet opening (25) to the zone Z.

2. (Currently amended) Fiber guide channel according to claim 1, characterized ~~characterised~~ in that the channel cross–section within the zone Z is at least approximately circular.

3. (Currently amended) Fiber guide channel according to claim 1 ~~or 2~~, characterized ~~characterised~~ in that the fiber channel (11) is curved in its last third with its flat portion forming there in the direction of the direction of rotation of the rotor.

4. (Currently amended) Fiber guide channel according to claim 3, characterized ~~characterised~~ in that the wall region (34) located inwardly in relation to the direction of curvature is more strongly curved than the opposing wall region (35).

5. (Currently amended) Fiber guide channel characterized ~~characterised~~ in that the according to claim 3 ~~or 4~~, cross-sectional area is selected over the entire channel length, regardless of the respective cross-sectional shape, throughput, which is process, is ensured.

6. (Currently amended) Fiber guide channel according to ~~any one of~~ claim~~s~~ 1 ~~to 5~~, characterized ~~characterised~~ in that the fiber guide channel (11) is configured in two parts, and consists of a channel portion (ilA), arranged in a connection body (29), with the inlet opening (25) and an outlet opening (32) and a channel portion (11B), arranged in a channel plate adapter (18), with the outlet opening (26) and an inlet opening (31).

7. (Currently amended) Fiber guide channel according to ~~any one of~~ claims 1 ~~to 6~~, characterized ~~characterised~~ in that the wall region (37), adjacent to the spinning rotor opening (38) in the region of the outlet opening (26) is arranged such that a fiber free ring (39) of >_ 0.5 mm is produced in the direction of the spinning rotor opening (38) during the spinning process on the fiber slide face (36) of the spinning rotor (3).

8. (Currently amended) Fiber guide channel according to ~~any one of~~ claim~~s~~ 1 ~~to 7~~, characterized ~~characterised~~ in that the height (H) of the outlet opening to be at least so large that an air sufficiently large for the spinning (26) of the fiber guide channel (11) is between 1.5 mm and 4.5 mm.